

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	((("3729032") or ("4141474") or ("2628004") or ("6616012")).PN.	US-PGPUB; USPAT	OR	OFF	2011/09/12 12:59
S1	6	("3098483"   "4738660"   "4813433"   "4978336"   "6290682"   "6328229").PN.	US-PGPUB; USPAT	AND	ON	2008/11/18 12:54
S3	678	(433/80).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/18 13:05
S5	68	S3 plunger	US-PGPUB; USPAT	AND	ON	2008/11/18 13:06
S6	46	S3 gear\$4	US-PGPUB; USPAT	AND	ON	2008/11/18 13:08
S7	0	("2008/0173673").URPN.	USPAT	AND	ON	2008/11/18 13:22
S8	1	("6640998").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/18 13:29
S9	7	("4493436"   "4681524"   "5101562"   "5273190"   "5564598"   "5615807"   "5626263").PN. OR ("6640998").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/18 13:30

S10	117	(222/87).CCLS.	US- PGPUB; USPAT	OR	OFF	2008/11/18 13:52
S11	260	(222/88).CCLS.	US- PGPUB; USPAT	OR	OFF	2008/11/18 13:52
S12	6	S11 gear\$3	US- PGPUB; USPAT	AND	ON	2008/11/18 13:52
S13	6	S12 gear\$3	US- PGPUB; USPAT	AND	ON	2008/11/18 13:52
S14	16	S11 plunger	US- PGPUB; USPAT	AND	ON	2008/11/18 13:55
S15	0	S12 plunger	US- PGPUB; USPAT	AND	ON	2008/11/18 13:55
S16	1702	604/19	US- PGPUB; USPAT	AND	ON	2008/11/18 13:57
S17	114	S16 gear\$4	US- PGPUB; USPAT	AND	ON	2008/11/18 13:57
S18	26	S16 gear\$4 plunger	US- PGPUB; USPAT	AND	ON	2008/11/18 13:58
S19	3123	(gear\$4 with rod) plunger	US- PGPUB; USPAT	AND	ON	2008/11/18 14:00
S20	338	(gear\$4 with rod) plunger pawl	US- PGPUB; USPAT	AND	ON	2008/11/18 14:01

S21	71	(gear\$4 with rod) plunger pawl dispens\$4	US- PGPUB; USPAT	AND	ON	2008/11/18 14:01
S22	0	("2008/0227052").URPN.	USPAT	AND	ON	2008/11/18 14:01
S24	1	("5505704").PN.	US- PGPUB; USPAT	OR	OFF	2008/11/18 15:12
S25	678	(433/80).CCLS.	US- PGPUB; USPAT	OR	OFF	2008/11/20 13:19
S26	217	(601/162).CCLS.	US- PGPUB; USPAT	OR	OFF	2008/11/20 13:22
S30	232	(433/89).CCLS.	US- PGPUB; USPAT	OR	OFF	2008/11/20 13:24
S31	0	("2008/0227052").URPN.	USPAT	AND	ON	2008/11/20 13:24
S32	0	("2007/0134620").URPN.	USPAT	AND	ON	2008/11/20 13:26
S33	29	("20040104249"   "20040262332"   "20070023450"   "3132772"   "3221409"   "3517668"   "3587982"   "3738535"   "3977574"   "4444560"   "4457712"   "4472141"   "4569662"   "4676657"   "4690306"   "4708650"   "4710178"   "4779770"   "4820287"   "4981241"   "4986443"   "4991749"   "5016782"   "5400926"   "5529827"   "5743436"   "6547101"   "6613021"   "6685063").PN.	US- PGPUB; USPAT	AND	ON	2008/11/20 18:26
S34	40	((MARC) near2 (PEUKER)).INV.	US- PGPUB; USPAT	AND	ON	2008/11/20 18:33

S35	33	"3464412"	US- PGPUB; USPAT	AND	ON	2008/11/20 18:41
S36	1	("3464412").PN.	US- PGPUB; USPAT	OR	OFF	2008/11/20 18:41
S37	1	("2754590").PN.	US- PGPUB; USPAT	OR	OFF	2008/11/20 18:42
S38	1	("5172807").PN.	US- PGPUB; USPAT	OR	OFF	2008/11/20 18:44
S39	7	("2754590"   "20010053511"   "20020098462"   "3854209"   "5172807"   "6386872"   "6554803").PN.	US- PGPUB; USPAT	AND	ON	2008/11/20 19:11
S40	4	(two-step or ("2" adj step) or (two adj step)) with dispens\$4 with piston	US- PGPUB; USPAT	AND	ON	2008/11/20 19:52
S41	25	("1738146"   "2248469"   "2475061"   "2526365"   "2895773"   "3045674"   "3295525"   "3340872"   "3543755"   "3618603"   "3710794").PN. OR ("3939833").URPN.	US- PGPUB; USPAT; USOCR	AND	ON	2008/11/20 19:54
S42	25	("1738146"   "2248469"   "2475061"   "2526365"   "2895773"   "3045674"   "3295525"   "3340872"   "3543755"   "3618603"   "3710794").PN. OR ("3939833").URPN.	US- PGPUB; USPAT; USOCR	AND	ON	2008/11/20 19:56
S43	4	(two-step or ("2" adj step) or (two adj step) or (multi? step)) with dispens\$4 with piston	US- PGPUB; USPAT	AND	ON	2008/11/20 19:57
S44	0	(two-step or ("2" adj step) or (two adj step) or (multi? step)) with dispens\$4 with plunger	US- PGPUB; USPAT	AND	ON	2008/11/20 19:57

S45	1	(two-step or ("2" adj step) or (two adj step) or (multi? step)) with dispens\$4 with cartridge	US-PGPUB; USPAT	AND	ON	2008/11/20 19:57
S46	39	dispense with mix with plunger	US-PGPUB; USPAT	AND	ON	2008/11/20 19:58
S47	32	dispense with mix with piston	US-PGPUB; USPAT	AND	ON	2008/11/20 19:58
S48	1	("2007/0166660").URPN.	USPAT	AND	ON	2008/11/21 10:11
S49	0	("2005/0153259").URPN.	USPAT	AND	ON	2008/11/21 10:20
S50	0	("2005/0153259").URPN.	USPAT	AND	ON	2008/11/21 10:20
S51	0	("2003/0031978").URPN.	USPAT	AND	ON	2008/11/21 10:24
S52	4	dispenser (self-opening with seal)	US-PGPUB; USPAT	AND	ON	2008/11/25 15:04
S53	1	("4457454").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/25 15:21
S54	233	(433/89).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/03 10:47
S55	45	S54 AND brush	US-PGPUB; USPAT	AND	ON	2008/12/03 10:47
S56	1114	syringe and kit and glove	US-PGPUB; USPAT	AND	ON	2008/12/03 17:09

S57	52	syringe with kit with glove	US- PGPUB; USPAT	AND	ON	2008/12/03 17:09
S58	9	dental syringe with kit with glove	US- PGPUB; USPAT	AND	ON	2008/12/03 17:10
S59	11	dispens\$5 with kit with glove	US- PGPUB; USPAT	AND	ON	2008/12/03 17:10
S60	124	dispens\$5 with kit with (bonding or ethching or dental or cartridge)	US- PGPUB; USPAT	AND	ON	2008/12/03 17:12
S61	693	(433/80).CCLS.	US- PGPUB; USPAT	OR	OFF	2009/05/20 12:19
S62	1174	(433/80,89,90).CCLS.	US- PGPUB; USPAT	OR	OFF	2009/05/20 12:22
S63	1	("2005/0202365").URPN.	USPAT	OR	OFF	2009/05/20 12:32
S64	1	("6699040").PN.	US- PGPUB; USPAT	OR	OFF	2009/05/20 12:41
S65	5	09/720232	US- PGPUB; USPAT	OR	OFF	2009/05/20 12:42
S67	2862	(604/93.01,181,187,218).CCLS.	US- PGPUB; USPAT	OR	OFF	2009/05/20 13:24
S68	1784	(604/82,83,84,85,86,87,88,89,90,91,92).CCLS.	US- PGPUB; USPAT	OR	OFF	2009/05/26 13:50

S69	0	("2008/0121657").URPN.	USPAT	OR	OFF	2009/05/26 13:53
S71	20	("2869543").URPN.	USPAT	OR	OFF	2009/05/26 16:20
S72	8	((("6007515") or ("20030186190") or ("5737437") or ("20040024353") or ("6544233") or ("4696415") or ("20040072123") or ("6264619")).PN.	US- PGPUB; USPAT	OR	OFF	2009/05/27 15:50
S73	1	("6328229").PN.	US- PGPUB; USPAT	OR	OFF	2009/05/27 15:54
S74	6	((("6,302,574") or ("5,354,264") or ("5,401,246") or ("5,562,624") or ("6,613,021") or ("4,690,306")).PN.	US- PGPUB; USPAT	OR	OFF	2009/05/28 17:49
S75	3897	(222/129,135,137,145.1,145.5,145.6).CCLS.	US- PGPUB; USPAT	OR	OFF	2009/05/28 17:52
S76	439	(366/177.1,176.1).CCLS.	US- PGPUB; USPAT	OR	OFF	2009/05/28 17:57
S77	656	S75 and (pawl lever gear)	US- PGPUB; USPAT	OR	OFF	2009/05/28 18:04
S78	8	((("6007515") or ("20030186190") or ("5737437") or ("20040024353") or ("6544233") or ("20070060894") or ("20040072123") or ("6264619")).PN.	US- PGPUB; USPAT	OR	OFF	2009/05/28 18:10
S79	5	((("20020119255") or ("3921292") or ("4012838") or ("3650031") or ("20070259598")).PN.	US- PGPUB; USPAT	OR	OFF	2009/05/28 18:15
S80	14	((("20080195082") or ("20070060894") or ("5735437") or ("20040024353") or ("20030186190") or ("6544233") or ("20040072123") or ("6264619") or ("6007515") or ("6458095") or ("6223936") or ("4696415") or ("6464663") or ("6547101")).PN.	US- PGPUB; USPAT	OR	OFF	2010/07/12 18:27

S81	67	(US-20080173673-\$ or US-20070072146-\$ or US-20050165363-\$ or US-20020193656-\$ or US-20070166660-\$ or US-20070134620-\$ or US-20060264838-\$ or US-20030186190-\$ or US-20020086264-\$ or US-20020072030-\$ or US-20050250070-\$ or US-20050170313-\$ or US-20040110112-\$ or US-20040033466-\$ or US-20020160333-\$ or US-20020146662-\$ or US-20020081551-\$ or US-20080121657-\$ or US-20050256450-\$ or US-20050182357-\$ or US-20050096588-\$ or US-20040092864-\$ or US-20040024353-\$ or US-20030233067-\$ or US-20030187387-\$ or US-20020128683-\$).did. or (US-20080195082-\$ or US-20070060894-\$ or US-20040072123-\$).did. or (US-6419486-\$ or US-6640998-\$ or US-6251121-\$ or US-5529233-\$ or US-4065034-\$ or US-4049176-\$ or US-5735437-\$ or US-4340367-\$ or US-3751807-\$ or US-4915695-\$ or US-6264619-\$ or US-6699040-\$ or US-6981868-\$ or US-6062857-\$ or US-6047864-\$ or US-5286257-\$ or US-6610033-\$ or US-6530905-\$ or US-6024726-\$ or US-5749968-\$ or US-7468049-\$ or US-6719729-\$ or US-6585696-\$ or US-6544233-\$ or US-6464663-\$ or US-6223936-\$).did. or (US-6007515-\$ or US-5759171-\$ or US-5582596-\$ or US-5505704-\$ or US-5116315-\$ or US-5104375-\$ or US-4359049-\$ or US-4040420-\$ or US-2869543-\$ or US-6547101-\$ or US-6458095-\$ or US-4696415-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/02/02 14:52
S82	20	S81 and (Plug)	US-PGPUB; USPAT	OR	OFF	2011/02/02 14:53
S83	1	("4040420").PN.	US-PGPUB; USPAT	OR	OFF	2011/02/02 16:23



S84	4345	(222/129,135,137,145.1,145.5,145.6).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/08/02 09:58
S85	31	S84 and (self with open)	US-PGPUB; USPAT	OR	OFF	2011/08/02 09:58
S86	0	S84 and (self\$1open)	US-PGPUB; USPAT	OR	OFF	2011/08/02 09:58
S87	3394	(604/93.01,181,187,218).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/08/02 10:06
S88	2018	(604/82,83,84,85,86,87,88,89,90,91,92).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/08/02 10:06
S89	38	(S87 or S88) and (self with open)	US-PGPUB; USPAT	OR	OFF	2011/08/02 10:06
S90	282	(401/44-47).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/08/04 11:17
S91	33	S90 and plug	US-PGPUB; USPAT	OR	OFF	2011/08/04 11:17
S92	6	((("6,616,012") or ("6,547,108") or ("4,506,809") or ("4,141,474") or ("2,628,004") or ("6,298,554"))).PN.	US-PGPUB; USPAT	OR	OFF	2011/08/09 17:56
S93	3	((("5032082") or ("20060223029") or ("5092770"))).PN.	US-PGPUB; USPAT	OR	OFF	2011/08/10 12:14
S94	403	(syringe plunger) and (self\$1clos\$ with (seal\$ diaphragm \$ plug\$ valve\$))	US-PGPUB; USPAT	OR	OFF	2011/09/11 16:28

S95	89	(syringe plunger) same (self\$1clos\$ with (seal\$ diaphragm\$ plug\$ valve\$))	US- PGPUB; USPAT	OR	OFF	2011/09/11 16:28
S96	9	(syringe plunger) same (self\$1open\$ with (seal\$ diaphragm\$ plug\$ valve\$))	US- PGPUB; USPAT	OR	OFF	2011/09/11 19:23
S97	201	(self\$1open\$ with (seal\$ diaphragm\$ plug\$ valve\$))	US- PGPUB; USPAT	OR	OFF	2011/09/11 19:25

9/12/2011 12:59:47 PM

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